

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| S1    | 110  | "6439908"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2006/04/07<br>09:47 |
| S2    | 2    | "20050157074"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2006/04/25<br>13:00 |
| S3    | 3    | "347"/\$3.ccls. and<br>conductive adj strips<br>same twice same<br>conductive adj strips  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2005/11/03<br>11:25 |
| S4    | 63   | "347"/\$3.ccls. and<br>(conductive or<br>conduction) near6<br>(strips or pieces) same<br>twice near6<br>(connection or<br>connecting) near6<br>(pieces or strips) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2005/11/03<br>11:27 |
| S5    | 74   | (conductive or<br>conduction) near6<br>(strips or pieces) same<br>twice near6<br>(connection or<br>connecting) near6<br>(pieces or strips)                        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2005/11/03<br>11:27 |
| S6    | 1    | "20020186285"<br>"6796731"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2005/11/03<br>12:26 |
| S7    | 11   | "20020186285"<br>"6796731"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/11/03<br>15:02 |

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| S8  | 0   | "2343415" "615845"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/03<br>12:27 |
| S9  | 27  | "2343415" "615845"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/11/03<br>14:55 |
| S10 | 16  | "1991017051"<br>"2001042026"<br>"2001064441"<br>"2001064444"<br>"2001089849"<br>"2002076748"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/11/03<br>12:27 |
| S11 | 0   | "347"/\$3.ccls. and<br>(male and female)<br>same end and epoxy   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/11/03<br>14:55 |
| S12 | 102 | "347"/\$3.ccls. and<br>(male and female)<br>same end and epoxy   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/11/03<br>14:56 |
| S13 | 63  | "347"/\$3.ccls. and<br>(male and female)<br>near5 end and epoxy  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/11/03<br>14:56 |
| S14 | 63  | "347"/\$3.ccls. and<br>(male and female)<br>near5 end and epoxy<br>near (sealant or sealent<br>or sealing or seal or<br>adhesive)                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/11/03<br>14:57 |
| S15 | 0   | "347"/\$3.ccls. and<br>(male and female)<br>near5 end and epoxy<br>near (sealant or sealent<br>or sealing or seal or<br>adhesive) not<br>silverbrook | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/11/03<br>14:57 |
| S16 | 7   | "347"/\$3.ccls. and<br>(male and female)<br>near5 end not<br>silverbrook   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/11/03<br>14:59 |

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| S17 | 91  | "347"/\$3.ccls. and (male and female) near5 end  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2005/11/03 15:00 |
| S18 | 48  | 347/86.ccls. and male and female   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2005/11/03 15:27 |
| S19 | 33  | 347/86.ccls. and male and female not silverbrook   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2005/11/03 15:00 |
| S20 | 61  | 347/86.ccls. and (epoxy or polyepoxide)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2005/11/03 15:27 |
| S21 | 10  | 347/86.ccls. and (epoxy or polyepoxide) near (sealent or sealant or sealing or seal or adhesive) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2005/11/03 15:28 |
| S22 | 2   | "20050157060"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/11/04 08:46 |
| S23 | 298 | media near guide and "347"/\$3.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/11/04 10:09 |
| S24 | 0   | media near guide and gap near (orifice\$ or nozzle\$) and "347"/\$3.ccls.                        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/11/04 09:00 |
| S25 | 32  | media near guide and protect near (orifice\$ or nozzle\$) and "347"/\$3.ccls.                    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/11/04 09:01 |
| S26 | 41  | media near guide and (protect\$3 or gap) near7 (orifice\$ or nozzle \$) and "347"/\$3.ccls.      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/11/04 09:03 |

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| S27 | 4    | media near guide and 347/86.ccls. and (stationary or line\$type or fixed)                                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/11/04 09:05 |
| S28 | 390  | media near guide and (stationary or line\$type or fixed or page\$width) not silverbrook                     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/11/04 09:06 |
| S29 | 90   | media near guide and (stationary or line\$type or fixed or page\$width) not silverbrook and "347"/\$3.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/11/04 09:07 |
| S30 | 52   | media near guide and (stationary or line\$type or page\$width) not silverbrook and "347"/\$3.ccls.          | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/11/04 09:07 |
| S31 | 2    | "20030202034"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/11/04 11:24 |
| S32 | 2    | "20030007042"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/11/04 11:25 |
| S33 | 2004 | 347/85.ccls.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/11/18 06:46 |
| S34 | 10   | "6755513"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/07 11:21 |
| S35 | 1    | 2001-159228.NRAN.   | DERWENT  | AND | OFF | 2006/04/07 09:55 |
| S36 | 93   | silverbrook.in. and cradle and (shield)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/07 10:18 |

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| S37 | 2   | "20050157125"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07<br>10:19 |
| S38 | 2   | "20050157125" and<br>cradle and shield  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07<br>10:21 |
| S39 | 724 | printer and body same<br>shield   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07<br>10:21 |
| S40 | 6   | printer and body same<br>(shield with air with<br>duct)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/07<br>10:24 |
| S41 | 6   | (printer or "347"/\$3)<br>and body same (shield<br>with air with duct)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/07<br>10:25 |
| S42 | 17  | (printer or "347"/\$3)<br>and (body or carriage<br>or structure or case or<br>casing) same (shield<br>with air with duct)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/07<br>10:28 |
| S43 | 0   | ("6652082" "6679584"<br>"6382769" "6672706"<br>"5221397" "5160945"<br>"4985710" "6017117"<br>"6554398" "6270177"<br>"03086770").pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/07<br>10:29 |
| S44 | 21  | ("6652082" "6679584"<br>"6382769" "6672706"<br>"5221397" "5160945"<br>"4985710" "6017117"<br>"6554398" "6270177"<br>"03086770").pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07<br>10:33 |
| S45 | 0   | ("6652082" "6679584"<br>"6382769" "6672706"<br>"5221397" "5160945"<br>"4985710" "6017117"<br>"6554398" "6270177"<br>"03086770").pn. and<br>(cradle or body or<br>cradling or structure or<br>outside or frame) and<br>(shield or shielding) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07<br>10:32 |

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| S46 | 3     | ("6652082" "6679584"<br>"6382769" "6672706"<br>"5221397" "5160945"<br>"4985710" "6017117"<br>"6554398" "6270177"<br>"03086770").pn. and<br>(cradle or body or<br>cradling or structure or<br>outside or frame) and<br>(shield or shielding or<br>protect or protect\$3) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07<br>10:32 |
| S47 | 848   | (hewlet packard).in.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07<br>10:34 |
| S48 | 53294 | (hewlet packard).as.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07<br>10:34 |
| S49 | 12104 | (hewlet packard).as.<br>and printer   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07<br>10:34 |
| S50 | 88    | (hewlet packard).as.<br>and printer with (body<br>or structure or casing)<br>and (shield\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07<br>10:35 |
| S51 | 0     | (hewlet packard).as.<br>and printer with (body<br>or structure or casing)<br>and ((seal\$3 or shield<br>\$3 or cover\$3 or protect<br>\$3) near (air near<br>duct))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07<br>10:36 |
| S52 | 16    | (hewlet packard).as.<br>and printer with (body<br>or structure or casing)<br>and ((seal\$3 or shield<br>\$3 or cover\$3 or protect<br>\$3) near ((air near<br>duct) or vent\$3))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07<br>10:45 |
| S53 | 45    | printer with (body or<br>structure or casing)<br>and ((seal\$3 or shield<br>\$3 or cover\$3 or protect<br>\$3) near ((air near<br>duct) or vent\$3))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07<br>10:45 |

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| S54 | 14   | printer with (body or structure or casing) same ((seal\$3 or shield\$3 or cover\$3 or protect\$3) near ((air near duct) or vent\$3)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07<br>10:51 |
| S55 | 2    | "6893109".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07<br>10:58 |
| S56 | 593  | printer same (air with duct)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07<br>10:58 |
| S57 | 123  | printer same (air with duct) same (shield\$3 or protect\$3 or cover\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07<br>11:01 |
| S58 | 38   | printer same (air with duct) with (shield\$3 or protect\$3 or cover\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07<br>11:04 |
| S59 | 170  | printer same (air with duct) same (cover\$3 or structure or cas\$3 or case)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07<br>11:06 |
| S60 | 89   | printer same (air near duct) same (cover\$3 or structure or cas\$3 or case)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07<br>11:06 |
| S61 | 2    | "6755513".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07<br>11:31 |
| S62 | 2365 | (shield\$3 or cover\$3) with (air near duct) and (cas\$3 or covering or structure)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07<br>11:33 |
| S63 | 11   | (shield\$3 or cover\$3) with (air near duct) same printer and (cas\$3 or covering or structure) same printer                         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07<br>11:34 |

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| S64 | 290  | (shield\$3 or cover\$3) with ((air near duct) or vent) and (cas\$3 or covering or structure) same printer                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07<br>11:34 |
| S65 | 50   | (shield\$3 or cover\$3) with ((air near duct) or vent) same (cas\$3 or covering or structure) same printer                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24<br>11:38 |
| S66 | 1    | "20050157061"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07<br>11:53 |
| S67 | 0    | 347/42 and cradle  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/24<br>11:35 |
| S68 | 6234 | (plot or plotting or plots or plotter) and ink \$jet   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/24<br>11:36 |
| S69 | 2    | "6893109".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24<br>11:39 |
| S70 | 2004 | cradle and (page\$width or stationary or elongated) with (print \$head or head or cartridge)                                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24<br>11:42 |
| S71 | 642  | cradle same (page \$width or stationary or elongated) with (print \$head or head or cartridge)                               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24<br>11:43 |
| S72 | 66   | cradle same (page \$width or stationary or elongated) with (print \$head or head or cartridge) and "347"/\$3                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24<br>11:45 |
| S73 | 1    | cradle same (page \$width or stationary or elongated) with (print \$head or head or cartridge) not silverbrook and "347"/\$3 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24<br>11:45 |



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| S74 | 3031 | (page\$width or stationary or elongated) with (print \$head or head or cartridge) not silverbrook and "347"/\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/24 11:45 |
| S75 | 1476 | (page\$width or elongated) with (print \$head or head or cartridge) not silverbrook and "347"/\$3               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/24 11:45 |
| S76 | 1284 | (page\$width or elongated) with (print \$head or head) not silverbrook and "347"/\$3                            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/24 11:51 |
| S77 | 11   | "6196672"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/24 11:49 |
| S78 | 314  | (page\$width) with (print \$head or head) not silverbrook and "347"/\$3   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/24 11:52 |
| S79 | 1    | 10/827045   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/24 15:20 |
| S80 | 1496 | 347/9   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/24 12:51 |
| S81 | 0    | ("20020093551" "6174037").pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/24 12:51 |
| S82 | 4    | ("20020093551" "6174037").pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2006/04/24 12:51 |

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|-----|-----|--|--|-----|-----|---------------------|
| S83 | 2   | ((guard or gaurd) near transistor) and "347"/\$3   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/24<br>15:21 |
| S84 | 154 | ((guard or gaurd) near transistor)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/24<br>15:21 |
| S85 | 23  | ((guard or gaurd) adj transistor)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/24<br>15:21 |
| S86 | 893 | 347/42   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/25<br>13:02 |
| S87 | 1   | 10/822195  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/25<br>13:02 |
| S88 | 75  | 10/760248  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/08/16<br>15:08 |
| S89 | 14  | 10/760248 and shield   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/08/16<br>15:30 |
| S90 | 3   | (page\$width or line \$type) with (head or print\$head) same shield  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/08/16<br>15:30 |
| S91 | 70  | (page\$width or line \$type) with (head or print\$head) same (shield or protect\$3)                                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/08/16<br>15:30 |
| S92 | 908 | ((page\$width or line \$type) with (head or print\$head)) and ((head or print\$head) same (shield or protect \$3)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/08/17<br>09:58 |

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| S93  | 4    | "6775513".pn. or<br>"5870117".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/08/17<br>10:17 |
| S94  | 4    | "6755513".pn. or<br>"5870117".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/08/17<br>10:29 |
| S95  | 2    | "6775513".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/08/17<br>13:03 |
| S96  | 2    | "6755513".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/08/17<br>13:03 |
| S97  | 166  | 10/760248  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/12/28<br>14:32 |
| S98  | 2    | "20050157125".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/12/28<br>14:24 |
| S99  | 5005 | "347"/\$3 and (shield\$3<br>or protect\$3 or cover\$3<br>or remov\$3) with<br>(medium or paper or<br>media) with (nozzle or<br>orifice or eject\$3 or<br>print\$3)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/12/28<br>14:26 |
| S100 | 1886 | "347"/\$3 and (shield\$3<br>or protect\$3 or cover\$3<br>or remov\$3) near4<br>(nozzle or orifice or<br>eject\$3 or print\$3)<br>near4 (medium or<br>paper or media) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/12/28<br>14:28 |
| S101 | 1214 | "347"/\$3 and (shield\$3<br>or protect\$3 or cover<br>\$3) near4 (nozzle or<br>orifice or eject\$3 or<br>print\$3) near4<br>(medium or paper or<br>media)            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/12/28<br>14:29 |

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| S102 | 2    | "6443555".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/12/28<br>15:00 |
| S103 | 2694 | silverbrook.in. and<br>(page\$1width or line<br>\$1type) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/12/28<br>14:34 |
| S104 | 2    | "6755513".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/12/28<br>15:00 |
| S105 | 2    | "5870117".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/01/03<br>10:13 |
| S106 | 2    | "6443555".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/01/03<br>10:14 |
| S107 | 2    | "6775513".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/09/12<br>10:05 |
| S108 | 2    | "6755513".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/01/03<br>10:30 |
| S109 | 2    | "6755513".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/09/11<br>10:47 |
| S110 | 1    | 11/362374  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/07/15<br>07:31 |
| S111 | 4    | "6755513".pn. or<br>"6443555".pn.                        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/30<br>12:18 |

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| S112 | 722  | 347/108  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/30<br>12:20 |
| S113 | 11   | 347/108 and (nozzle or orifice or ejector) with shield\$3                            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/30<br>13:33 |
| S114 | 2    | "20050157125"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/30<br>14:07 |
| S115 | 419  | "347"/\$3 and (nozzle or orifice or ejector) with shield\$3                          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/30<br>14:12 |
| S116 | 2    | "20050157125"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/03<br>13:00 |
| S117 | 0    | "347"/\$3 and air near cover near plate and silverbrook.in.                          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/03<br>13:01 |
| S118 | 0    | "347"/\$3 and air near cover near plate  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/03<br>13:01 |
| S119 | 36   | "347"/\$3 and air near5 cover near5 plate  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/03<br>13:01 |
| S120 | 1029 | "347"/\$3 and (nozzle or ejector or orifice) with (air) with cover\$3                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/03<br>13:03 |
| S121 | 2    | "347"/\$3 and (nozzle or ejector or orifice) with direct\$3 near (air) with cover\$3 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/03<br>13:03 |

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| S122 | 0    | "347"/\$3 and (nozzle or ejector or orifice) with direct\$3 near (air) with (cover\$3 or block \$3) near (media or medium or paper) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>08:22 |
| S123 | 17   | "347"/\$3 and (nozzle or ejector or orifice) with (air) with (cover\$3 or block\$3) near (media or medium or paper)                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>09:09 |
| S124 | 5    | "347"/\$3 and (nozzle or ejector or orifice) near (guard\$3) same air not silverbrook.in.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>09:16 |
| S125 | 996  | "347"/\$3 and (nozzle or ejector or orifice) near (guard\$3) same air   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>09:31 |
| S126 | 222  | "347"/\$3 and (nozzle or ejector or orifice) near (guard\$3) same air near compres\$4   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>09:37 |
| S127 | 789  | "347"/\$3 and (nozzle or ejector or orifice) same air near compres \$4  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>09:39 |
| S128 | 248  | "347"/\$3 and (nozzle or ejector or orifice) with (cap\$4 or guard\$3 or cover\$3) with air near compres\$4                         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>09:43 |
| S129 | 3347 | "347"/\$3 and (air with (nozzle or plate or eject \$3 or orifice) with print \$3)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>11:43 |
| S130 | 272  | "347"/\$3 and (air with (nozzle or plate or eject \$3 or orifice) near\$4 during near print\$3)                                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>11:43 |
| S131 | 80   | "347"/\$3 and (air near\$4 (nozzle or plate or eject\$3 or orifice) near\$4 during near print \$3)                                  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>11:43 |

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| S132 | 25  | "347"/\$3 and (air near4 (nozzle or plate or eject\$3 or orifice) near4 during near print \$3) and silverbrook.in.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2009/09/07<br>11:45 |
| S133 | 25  | "347"/\$3 and (air near compress\$3 near4 (print\$3 or eject\$3) near4 (ejector or orifice or nozzle))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2009/09/07<br>11:50 |
| S134 | 271 | "347"/\$3 and (air near compress\$3 with (debris or dust or dirt) with (ejector or orifice or nozzle))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2009/09/07<br>11:53 |
| S135 | 1   | "347"/\$3 and (air near compress\$3 with (debris or dust or dirt) with (ejector or orifice or nozzle)) and dell.as.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2009/09/07<br>11:57 |
| S136 | 3   | "347"/\$3 and (air near compress\$3 with (debris or dust or dirt) with (ejector or orifice or nozzle)) not silverbrook.in.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2009/09/07<br>11:57 |
| S137 | 63  | "347"/\$3 and (air near compress\$3 with (print \$3 or eject\$3 or purg \$3) with (ejector or orifice or nozzle)) not silverbrook.in.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2009/09/07<br>11:57 |
| S138 | 3   | "347"/\$3 and (air near compress\$3 with (print \$3 or eject\$3 or purg \$3) with (dust or debris or dirt or particulate or particle) with (ejector or orifice or nozzle)) not silverbrook.in. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2009/09/07<br>12:22 |
| S139 | 8   | ("5040002"   "5420619"   "5563635"   "5936650"   "6533403"   "6837921"   "6976753"   "7159974").PN. OR ("7281787").URPN.   | US-PGPUB;<br>USPAT; USOCR                                      | AND | OFF | 2009/09/07<br>12:23 |

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| S140 | 323 | "347"/\$3 and (air with (print\$3 or eject\$3 or purg\$3) with (dust or debris or dirt or particulate or particle) with (ejector or orifice or nozzle)) not silverbrook.in.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2009/09/07<br>12:25 |
| S141 | 2   | "4411706".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2009/09/07<br>12:29 |
| S142 | 20  | ("3854399"  <br>"3981020"   "4024548"<br>  "4340893"  <br>"4380771"   "4401990"<br>  "4411705"  <br>"4628331"   "4668959"<br>  "4829318"  <br>"4861178"   "5081472"<br>  "5115250"  <br>"5126765"   "5202702"<br>  "5266974").PN. OR<br>("5557307").URPN. | US-PGPUB;<br>USPAT; USOCR                                      | AND | OFF | 2009/09/07<br>12:30 |
| S143 | 2   | (air or liquid or fluid)<br>same (print\$3 or eject<br>\$3 or drop or droplet<br>\$1) and "5877788".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2009/09/08<br>08:19 |
| S144 | 2   | "5592200".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2009/09/08<br>08:37 |

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